

Philippe Schollhammer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

113
papers

3,538
citations

31
h-index

56
g-index

123
ext. papers

3,764
ext. citations

4.6
avg, IF

4.77
L-index

#	Paper	IF	Citations
113	Proton Shuttle Mediated by (SCH ₂) ₂ P=O Moiety in [FeFe]-Hydrogenase Mimics: Electrochemical and DFT Studies. <i>ACS Catalysis</i> , 2021 , 11, 7080-7098	13.1	5
112	Synthesis, Characterization and Electrochemical Reductive Properties of Complexes [Fe ₂ (CO) ₄ (μ-PPH ₂ NR ₂)(μ-dithiolato)] Related to the H-Cluster of [FeFe]-H ₂ ases. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 205-216	2.3	2
111	Oxo-functionalised mesoionic NHC nickel complexes for selective electrocatalytic reduction of CO to formate. <i>Green Chemistry</i> , 2021 , 23, 3365-3373	10	3
110	Triiron clusters derived from dinuclear complexes related to the active site of [FeFe] hydrogenases: steric effect of the dithiolate bridge on redox properties, a DFT analysis. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3659-3674	6.8	0
109	A Diiron Hydrogenase Mimic Featuring a 1,2,3-Triazolylidene. <i>Chimia</i> , 2020 , 74, 499-503	1.3	3
108	Electrocatalytic Proton Reduction by a Cobalt Complex Containing a Proton-Responsive Bis(alkylimidazole)methane Ligand: Involvement of a C-H Bond in H Formation. <i>Chemistry - A European Journal</i> , 2020 , 26, 12560-12569	4.8	3
107	Addressing the Reproducibility of Photocatalytic Carbon Dioxide Reduction. <i>ChemCatChem</i> , 2020 , 12, 1528-1528	5.2	
106	Addressing the Reproducibility of Photocatalytic Carbon Dioxide Reduction. <i>ChemCatChem</i> , 2020 , 12, 1603-1608	5.2	6
105	Insights into the Two-Electron Reductive Process of [FeFe]H ₂ ase Biomimetics: Cyclic Voltammetry and DFT Investigation on Chelate Control of Redox Properties of [Fe(CO) ₂ (μ ² -Chelate)(μ ² -Dithiolate)]. <i>Chemistry - A European Journal</i> , 2020 , 26, 17536-17545	4.8	2
104	Mononuclear copper(II) complexes containing a macrocyclic ditopic ligand: Synthesis, structures and properties. <i>Inorganica Chimica Acta</i> , 2019 , 497, 119081	2.7	6
103	[FeFe]-Hydrogenases Models 2019 , 347-364		4
102	FeMo Heterobimetallic Dithiolate Complexes: Investigation of Their Electron Transfer Chemistry and Reactivity toward Acids, a Density Functional Theory Rationalization. <i>Inorganic Chemistry</i> , 2019 , 58, 679-694	5.1	5
101	Electrochemical and Theoretical Investigations of the Oxidatively Induced Reactivity of the Complex [Fe(CO) ₂ (μ ² -dmpe)(μ ² -edt)] Related to the Active Site of [FeFe] Hydrogenases. <i>Chemistry - A European Journal</i> , 2018 , 24, 15036-15051	4.8	9
100	Molecular Catalysts for Proton Reduction Based on Non-noble Metals 2018 , 489-527		
99	Mononuclear iron(ii) complexes containing a tripodal and macrocyclic nitrogen ligand: synthesis, reactivity and application in cyclohexane oxidation catalysis. <i>Dalton Transactions</i> , 2018 , 47, 15596-15612 ^{4,3}		6
98	Influence of the Dithiolate Bridge on the Oxidative Processes of Diiron Models Related to the Active Site of [FeFe] Hydrogenases. <i>Chemistry - A European Journal</i> , 2017 , 23, 4364-4372	4.8	12
97	Recent advances in the chemistry of tris(thiolato) bridged cyclopentadienyl dimolybdenum complexes. <i>Coordination Chemistry Reviews</i> , 2017 , 331, 73-92	23.2	9

96	[FeFe]-Hydrogenase H-Cluster Mimics with Unique Planar $\{[SCH]_2\}$ ER Linkers (E=Ge and Sn). <i>Chemistry - A European Journal</i> , 2017 , 23, 346-359	4.8	31
95	Ligand effects on the electrochemical behavior of $[Fe_2(CO)_5(L)\{[SCH_2]_2(Ph)P=O\}]$ (L = PPh ₃ , P(OEt) ₃) hydrogenase model complexes. <i>Dalton Transactions</i> , 2015 , 44, 7177-89	4.3	21
94	Silicon-Heteroaromatic [FeFe] hydrogenase model complexes: insight into protonation, electrochemical properties, and molecular structures. <i>Chemistry - A European Journal</i> , 2015 , 21, 5061-73	4.8	25
93	A sterically stabilized Fe-Fe semi-rotated conformation of [FeFe] hydrogenase subsite model. <i>Dalton Transactions</i> , 2015 , 44, 1690-9	4.3	28
92	A diferrous dithiolate as a model of the elusive H(ox)(inact) state of the [FeFe] hydrogenases: an electrochemical and theoretical dissection of its redox chemistry. <i>Inorganic Chemistry</i> , 2015 , 54, 299-311	5.1	9
91	Acid-base control of hemilabile proton-responsive protecting devices in dimolybdenum, thiolate-bridged complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 2200-10	5.1	4
90	A new FeMo complex as a model of heterobimetallic assemblies in natural systems: Mössbauer and density functional theory investigations. <i>Inorganic Chemistry</i> , 2014 , 53, 11345-7	5.1	9
89	[FeFe] Hydrogenase Models: an Overview 2014 , 79-104		4
88	DFT Investigation of Models Related to the Active Site of Hydrogenases 2014 , 137-160		0
87	Mechanistic Aspects of Biological Hydrogen Evolution and Uptake 2014 , 161-198		2
86	Model Complexes of the Active Site of Nitrogenases: Recent Advances 2014 , 225-248		1
85	Electrode Materials and Artificial Photosynthetic Systems 2014 , 383-410		
84	New Systematic Route to Mixed-Valence Triiron Clusters Derived from Dinuclear Models of the Active Site of [FeFe]-Hydrogenases. <i>Organometallics</i> , 2014 , 33, 6290-6293	3.8	8
83	Reductive Behavior of $[Fe_2(CO)_4(\eta\text{-dppe})\{[SCH_2]_2NBn\}]$: Effect of Symmetrization on the Rotated Conformation in Fe-Fe Models of [2Fe]H Subsite of [Fe-Fe]H ₂ ases. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3456-3461	2.3	8
82	A Novel [FeFe] Hydrogenase Model with a (SCH ₂) ₂ P=O Moiety. <i>Organometallics</i> , 2013 , 32, 4523-4530	3.8	26
81	A Silicon-Heteroaromatic System as Photosensitizer for Light-Driven Hydrogen Production by Hydrogenase Mimics. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 4466-4472	2.3	30
80	New Fe(II)-Fe(II) complex featuring a rotated conformation related to the [2Fe](H) subsite of [Fe-Fe] hydrogenase. <i>Chemistry - A European Journal</i> , 2013 , 19, 15458-61	4.8	49
79	Electrochemical and Theoretical Studies of the Impact of the Chelating Ligand on the Reactivity of $[Fe_2(CO)_4(\eta\text{-LL})(\eta\text{-dpdt})]^+$ Complexes with Different Substrates (LL = IMe-CH ₂ -IMe, dppe; IMe = 1-Methylimidazol-2-ylidene). <i>Organometallics</i> , 2012 , 31, 1082-1091	3.8	31

78	Electrochemical and theoretical investigations of the role of the appended base on the reduction of protons by $[\text{Fe}_2(\text{CO})_4(\eta\text{-PNP}(\text{R})(\text{E}(\text{CH}_2)_3\text{S}))]$ ($\text{PNP}(\text{R}) = \{\text{Ph}_2\text{PCH}_2\}_2\text{NR}$, $\text{R} = \text{Me}, \text{Ph}$). <i>Chemistry - A European Journal</i> , 2012 , 18, 11123-38	4.8	38
77	Thermal Generation and Structures of the Unsaturated Doubly Bridged Complex $[\text{Mo}_2\text{Cp}_2\text{Cl}_2(\text{E}(\text{Me})_2)]$ and Its Quadrupty Bridged Isomer $[\text{Mo}_2\text{Cp}_2(\text{ECl})_2(\text{E}(\text{Me})_2)]$. <i>Organometallics</i> , 2011 , 30, 649-652	3.8	4
76	Phosphorus-carbon(pyridyl) bond cleavage on reacting diphenyl-2-pyridylphosphine with triiron dodecacarbonyl. <i>Inorganica Chimica Acta</i> , 2011 , 376, 641-644	2.7	6
75	Diiron species containing a cyclic $\text{P}(\text{Ph})_2\text{N}(\text{Ph})_2$ diphosphine related to the $[\text{FeFe}]\text{H}_2\text{ases}$ active site. <i>Chemical Communications</i> , 2011 , 47, 878-80	5.8	28
74	Oxidatively induced reactivity of $[\text{Fe}_2(\text{CO})_4(\eta\text{-dppe})(\text{E}(\text{pdt}))]$: an electrochemical and theoretical study of the structure change and ligand binding processes. <i>Inorganic Chemistry</i> , 2011 , 50, 12575-85	5.1	26
73	Diiron Complexes with a $[\text{2Fe}_3\text{S}]$ Core Related to the Active Site of $[\text{FeFe}]\text{H}_2\text{ases}$. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1038-1042	2.3	9
72	Effect of electron-withdrawing dithiolate bridge on the electron-transfer steps in diiron molecules related to $[\text{2Fe}](\text{H})$ subsite of the $[\text{FeFe}]\text{-hydrogenases}$. <i>Inorganic Chemistry</i> , 2010 , 49, 2496-501	5.1	47
71	Investigation on the protonation of a trisubstituted $[\text{Fe}_2(\text{CO})_3(\text{PPh}_3)(\kappa(2)\text{-phen})(\mu\text{-pdt})]$ complex: rotated versus unrotated intermediate pathways. <i>Inorganic Chemistry</i> , 2010 , 49, 5003-8	5.1	25
70	Electrocatalytic dihydrogen evolution mechanism of $[\text{Fe}_2(\text{CO})_4(\kappa(2)\text{-Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2)(\mu\text{-S}(\text{CH}_2)_3\text{S})]$ and related models of the $[\text{FeFe}]\text{-hydrogenases}$ active site: a DFT investigation. <i>Dalton Transactions</i> , 2010 , 39, 7320-9	4.3	26
69	Reactivity of $[\text{Fe}_2(\text{CO})_6(\text{E}(\text{S})_2)]$ toward a Base-Containing Diphosphine $(\text{Ph}_2\text{PCH}_2)_2\text{NCH}_3$: Formation of Diiron Carbonyl Compounds Having Polydentate Heterofunctionalized Phosphine ($\text{PNS} = \text{Ph}_2\text{PCH}_2\text{N}(\text{CH}_3)\text{CH}_2\text{S}$) and Bidentate Thiophosphinito ($\text{Ph}_2\text{PS} = \text{PS}$) Bridges. <i>Organometallics</i> , 2010 , 29, 1296-1301	3.8	11
68	Non-innocent bma ligand in a dissymmetrically disubstituted diiron dithiolate related to the active site of the $[\text{FeFe}]\text{ hydrogenases}$. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 1038-42	4.2	32
67	Tuning of electron transfer in diiron azo-bridged complexes relevant to hydrogenases. <i>International Journal of Hydrogen Energy</i> , 2010 , 35, 10797-10802	6.7	21
66	Electrochemical study of the role of a H-bridged, unsymmetrically disubstituted diiron complex in proton reduction catalysis. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 626, 161-170	4.1	42
65	Modeling $[\text{FeFe}]\text{ hydrogenase}$: Synthesis and protonation of a diiron dithiolate complex containing a phosphine-N-heterocyclic-carbene ligand. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2801-2807	2.3	46
64	Electron and proton transfers at diiron dithiolate sites relevant to the catalysis of proton reduction by the $[\text{FeFe}]\text{-hydrogenases}$. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 1476-1494	23.2	279
63	Influence of a pendant amine in the second coordination sphere on proton transfer at a dissymmetrically disubstituted diiron system related to the $[\text{2Fe}]\text{H}$ subsite of $[\text{FeFe}]\text{H}_2\text{ase}$. <i>Inorganic Chemistry</i> , 2009 , 48, 2-4	5.1	133
62	Phosphorus Functionalized Carbenes: Synthesis and Coordination Properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 669-670	1	
61	On the electrochemistry of diiron dithiolate complexes related to the active site of the $[\text{FeFe}]\text{H}_2\text{ase}$. <i>Comptes Rendus Chimie</i> , 2008 , 11, 842-851	2.7	46

60	Electrochemical insights into the mechanisms of proton reduction by [Fe ₂ (CO) ₆ {μ-SCH ₂ N(R)CH ₂ S}] complexes related to the [2Fe](H) subsite of [FeFe]hydrogenase. <i>Chemistry - A European Journal</i> , 2008 , 14, 1954-64	4.8	92
59	Organometallic Diiron Complex Chemistry Related to the [2Fe]H Subsite of [FeFe]H ₂ ase. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 4671-4681	2.3	67
58	Diiron chelate complexes relevant to the active site of the iron-only hydrogenase. <i>Comptes Rendus Chimie</i> , 2008 , 11, 906-914	2.7	42
57	First insights into the protonation of dissymmetrically disubstituted di-iron azadithiolate models of the [FeFe]H ₂ ases active site. <i>Chemical Communications</i> , 2008 , 2547-9	5.8	46
56	Influence of the initial bonding mode of the hydrocarbyl bridge on the mechanisms and products of the electrochemical reduction of alkyne- and vinylidene dimolybdenum tris(μ-thiolate) complexes. <i>New Journal of Chemistry</i> , 2007 , 31, 265-276	3.6	9
55	Electrochemical and theoretical investigations of the reduction of [Fe ₂ (CO) ₅ L{μ-SCH ₂ XCH ₂ S}] complexes related to [FeFe] hydrogenase. <i>New Journal of Chemistry</i> , 2007 , 31, 2052	3.6	89
54	Evidence for the formation of terminal hydrides by protonation of an asymmetric iron hydrogenase active site mimic. <i>Inorganic Chemistry</i> , 2007 , 46, 3426-8	5.1	196
53	Formation of New μ-Thioalkylidene and μ-Borohydride Dimolybdenum Complexes from the μ-Alkylidyne Precursor [Mo ₂ Cp ₂ (tBuMe) ₃ (tCCH ₂ Ph)]. <i>Organometallics</i> , 2007 , 26, 3607-3610	3.8	11
52	Electron-transfer-catalyzed rearrangement of unsymmetrically substituted diiron dithiolate complexes related to the active site of the [FeFe]-hydrogenases. <i>Inorganic Chemistry</i> , 2007 , 46, 9863-72	5.1	88
51	N-Heterocyclic Carbene Ligands in Nonsymmetric Diiron Models of Hydrogenase Active Sites. <i>Organometallics</i> , 2007 , 26, 2042-2052	3.8	136
50	Electrochemical Synthesis of Mono- and Disubstituted Diiron Dithiolate Complexes as Models for the Active Site of Iron-Only Hydrogenases. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5062-5068	2.3	29
49	Carboxy-functionalized dithiolate di-iron complexes related to the active site of Fe-only hydrogenase. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 4177-4181	2.3	16
48	Activation of propargylic alcohols by dimolybdenum tris(μ-thiolate) complexes: Influence of the substituents R in HCCCR ₂ (OH)-vinylidene/allenylidene transformation. Reactivity of allenylidene complexes. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 5351-5367	2.3	9
47	Use of 1,10-phenanthroline in diiron dithiolate derivatives related to the [Fe-Fe] hydrogenase active site. <i>Dalton Transactions</i> , 2007 , 3754-6	4.3	61
46	Electrochemical proton reduction at mild potentials by monosubstituted diiron organometallic complexes bearing a benzenedithiolate bridge. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 603, 15-20	4.1	61
45	Mixed μ-phosphido or μ-thiolato μ-halo-dimolybdenum(III) compounds [Mo ₂ Cp ₂ (tBuMe) ₂ (tX)(tY)] (X=PPh ₂ , Y=Cl; X=SCH ₃ , Y=Br, I): Electrochemical and structural comparisons of the X-ray structure of [(Mo ₂ Cp ₂ Br(EO)(tBuMe) ₂] ₂ (tMoO ₄)]. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 898-906	2.3	6
44	Oxidatively-induced μ ₁ -μ ₂ :μ ₁ rearrangement of {NN} ligands at a {Mo ₂ (tBuMe) ₃ } site and protonation of the oxidized diazenido complex. <i>New Journal of Chemistry</i> , 2006 , 30, 929-938	3.6	7
43	A Bridging Side-on Allenylidene Dimolybdenum Complex without Carbonyl Stabilization. <i>Organometallics</i> , 2006 , 25, 5503-5505	3.8	11

42	Formation of $\text{C}\sigma$, $\text{C}\pi$, and $\text{C}\delta$ Links between Isonitrile, Cyclopentadienyl, and Hydroxide Ligands Bound to Molybdenum(III): Syntheses and Crystal Structures of σ -Aminocarbene and σ -Amino-oxy-carbene Dimolybdenum Complexes. <i>Organometallics</i> , 2006 , 25, 4009-4018	3.8	17
41	Methylation sites in tris(η -thiolato)dimolybdenum(III) complexes. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 566-572	2.3	6
40	Reactions of $[\text{Fe}_3\text{Cp}_2(\text{CO})_3(\text{CO})(\eta\text{-CO})(\eta\text{-CF}_3\text{C}_2\text{CF}_3)]$ with diphosphines: X-ray structure of a complex in which two tri-iron clusters are linked only by $\text{Ph}_2\text{PCH}_2\text{CH}_2\text{PPh}_2$. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 2853-2858	2.3	3
39	Activation of proton by the two-electron reduction of a di-iron organometallic complex. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 595, 47-52	4.1	106
38	N-Heterocyclic Carbene Ligands as Cyanide Mimics in Diiron Models of the All-Iron Hydrogenase Active Site. <i>Organometallics</i> , 2005 , 24, 2020-2022	3.8	146
37	Transformations and Agostic Interactions of Hydrocarbyl Ligands Bonded to the Sulfur-Rich Dimolybdenum Site $\{\text{Mo}_2\text{Cp}_2(\eta\text{-SMe})_3\}$: Chemical and Electrochemical Formation of σ -Alkyl and σ -Vinyl Compounds from a σ -Alkylidene Derivative. <i>Organometallics</i> , 2005 , 24, 6268-6278	3.8	12
36	Controlled nucleophilic activation of different sites in $[\text{Mo}_2\text{Cp}_2\text{L}_2(\eta\text{-SMe})_2(\text{L}^?)^+]$ cations ($\text{L}=\text{ButNC}$, xylNC , CO ; $\text{L}^?=\text{SMe}$ or PPh_2). <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 4583-4601	2.3	17
35	Catalysis of the electrochemical H_2 evolution by di-iron sub-site models. <i>Coordination Chemistry Reviews</i> , 2005 , 249, 1664-1676	23.2	231
34	Chemically modified electrode based on an organometallic model of the $[\text{FeFe}]$ hydrogenase active center. <i>Electrochemistry Communications</i> , 2005 , 7, 427-430	5.1	52
33	Nitrate- and Nitrite-Assisted Conversion of an Acetonitrile Ligand Into an Amidato Bridge at an $\{\text{Mo}_2(\text{Cp})_2(\eta\text{-SMe})_3\}$ Core: Electrochemistry of the Amidato Complex $[\text{Mo}_2(\text{Cp})_2(\eta\text{-SMe})_3\{\eta^1, \eta^1\text{-OC}(\text{Me})\text{NH}\}]^+$. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 3875-3883	2.3	4
32	Electrochemical Studies of Complexes with Oxo- or Hydroxo-Bridged $\{\text{Mo}_2(\eta\text{-SMe})_3\}^+$ Centers: Cleavage of the Oxygen Bridge and Generation of Substrate-Binding Sites. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 1687-1700	2.3	8
31	Electrochemical proton reduction by thiolate-bridged hexacarbonyldiiron clusters. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 566, 241-247	4.1	123
30	Reaction of BH_4^- with $[\text{Mo}_2\text{Cp}_2(\mu\text{-SMe})_n]$ species to give tetrahydroborato, hydrido or dimetallaborane compounds: control of product by ancillary ligands. <i>Dalton Transactions</i> , 2004 , 2708-19	4.3	29
29	Di-iron aza diphosphido complexes: mimics for the active site of Fe-only hydrogenase, and effects of changing the coordinating atoms of the bridging ligand in $[\text{Fe}_2\{\mu\text{-}(\text{ECH}_2)_2\text{NR}\}(\text{CO})_6]$. <i>Inorganic Chemistry</i> , 2004 , 43, 8203-5	5.1	65
28	Incorporation of alkyne and vinylidene ligands into tetrazolate groups at a sulfur-rich dimolybdenum site using sodium azide. <i>Inorganica Chimica Acta</i> , 2003 , 350, 495-502	2.7	9
27	Unexpected Coupling of Cp and Two RNC Ligands at a $\{\text{Mo}_2(\eta\text{-SMe})_3\}$ Nucleus. <i>Organometallics</i> , 2003 , 22, 4178-4180	3.8	28
26	Electrochemical cleavage of $\text{N}=\text{N}$ bonds at a $\text{Mo}_2(\mu\text{-SMe})_3$ site relevant to the biological reduction of dinitrogen at a bimetallic sulfur centre. <i>Chemistry - A European Journal</i> , 2002 , 8, 3115-27	4.8	37
25	Transformations of Hydrazines RNHNH_2 ($\text{R} = \text{Me}$, Ph) at a Sulfur-Rich Bimetallic Site: Diazeno/Diazenido/ σ -Diazeno/Hydrazido(2η) Interconversions. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 658-663	2.3	17

24	η-Alkylidyne and η-Alkylidene Complexes from a Bridging Side-on Vinylidene Sulfur-Rich Dimolybdenum Precursor. <i>Organometallics</i> , 2002 , 21, 448-450	3.8	17
23	cis- and trans-Bis(1-phenyl-2,3,4,5-tetramethylphosphole)tetracarbonylmolybdenum(0), [Mo(CO) ₄ (tmpPh) ₂]. Syntheses and structures. <i>Journal of Organometallic Chemistry</i> , 2001 , 622, 297-301	2.3	7
22	Unexpected formation of the novel mixed η ³ -sulfido, bis(η ² -thiolato) compound [Mo(IV) ₂ Cp ₂ (EO)(ES)(ESMe) ₂]. <i>Journal of Organometallic Chemistry</i> , 2001 , 627, 67-70	2.3	6
21	Acetonitrile hydration versus molybdenum oxidation at the sulfur-rich bimetallic site {Mo(III) ₂ Cp ₂ (ESMe) ₃ } ⁺ . Crystal structure of the η ¹ :η ¹ -amidato complex [Mo ₂ Cp ₂ (ESMeCONH)(ESMe) ₃]. <i>Dalton Transactions RSC</i> , 2001 , 1573-1577		20
20	Activation of Terminal Alkynes at the Sulfur-Rich Bimetallic Site [Mo(III) ₂ Cp ₂ (ESMe) ₃] ⁺ : Alkyne-Vinylidene Conversion and C≡C and C-C Couplings Promoted by Addition of Unsaturated Substrates (RC≡CH, RN≡C, SCS). Crystal Structures of η ¹ :η ² -Vinylidene, η ¹ :η ² -Acetylide, and η ¹ :η ³ -Vinylthioether Compounds. <i>Organometallics</i> , 2001 , 20, 1230-1242	3.8	31
19	Electrochemical reduction of a bridging imide: generation of ammonia at a dimolybdenum tris(μ-thiolate) site. <i>Chemistry - A European Journal</i> , 2000 , 6, 3033-42	4.8	17
18	Hydride transfer reactions in dimolybdenum compounds: a simple route to the novel η ¹ :η ¹ -tetrahydroboride complex [Mo ₂ Cp ₂ (ESMe) ₃ (EBH ₄)]. <i>Chemical Communications</i> , 2000 , 2137-2138	5.8	12
17	Electrochemical Reduction of a Bridging Imide: Generation of Ammonia at a Dimolybdenum Tris(η-thiolate) Site 2000 , 6, 3033		1
16	A η ¹ -Azavinylidene Complex: Intramolecular Condensation of Two Acetonitrile Ligands at a Dinuclear Molybdenum(III) Site. <i>European Journal of Inorganic Chemistry</i> , 1999 , 1999, 221-223	2.3	13
15	Electrochemical Reduction of Nitrogenous Ligands at a Conserved Dinuclear Metal-Sulfur Site: Cleavage of the N=N Bond of Phenyl diazene and Reduction of an Imide to NH(3). <i>Inorganic Chemistry</i> , 1999 , 38, 1954-1955	5.1	33
14	Novel η ² :η ² Coordination of a Thiophenium Cation. <i>Organometallics</i> , 1999 , 18, 2055-2057	3.8	14
13	Generation of substrate-binding sites by electrochemical reduction of cis-[Fe ₂ (cp) ₂ (η ⁵ -SMe) ₂ (MeCN)(L)] ₂ ⁺ (L = CO or MeCN). Reactivity of the sites toward CO and tBuNC. Crystal structure of [Fe ₂ (cp) ₂ (η ⁵ -SMe) ₂ (CO)(MeCN)][BF ₄] ₂ ·CH ₂ Cl ₂ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2271-2281		14
12	Dinuclear molybdenum thiolato-bridged compounds: syntheses, reactivities and electrochemical studies of site-substrate interactions. <i>Coordination Chemistry Reviews</i> , 1998 , 178-180, 203-247	23.2	56
11	η ¹ :η ² Rearrangement and Protonation of Phenyl diazo Bridging Ligands Attached to the Dimolybdenum System {Mo ₂ Cp ₂ (ESMe) ₃ }. <i>Organometallics</i> , 1998 , 17, 1922-1924	3.8	33
10	Electrochemical oxidation and protonation of a bridging amide ligand at a dinuclear metal-sulfur site. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 4019-4024		13
9	Reactions of di- and poly-nuclear complexes. 17. Isolation and reactivity of η ³ -dinuclear molybdenum (IV) thiolato-bridged complexes containing terminal and bridging chloride or bromide groups [(EC ₅ Me ₅)MoX] ₂ (EX)(EO)(ESMe)(X = Cl, Br); crystal structure of [(EC ₅ Me ₅)MoBr] ₂ (EBr)(EO)(ESMe). <i>Inorganica Chimica Acta</i> , 1997 , 257, 153-161	2.7	11
8	Substitution reactions in dinuclear molybdenum(III) thiolato-complexes induced by isocyanato ligands. <i>Inorganica Chimica Acta</i> , 1997 , 261, 117-120	2.7	4
7	Reactions of dinuclear and polynuclear complexes. Part 18 substitution reactions of a η ³ -chloro or a η ³ -thiolato ligand in the dinuclear cyclopentadienyl molybdenum(III) complex [Cp ₂ Mo ₂ (ECl)(ESMe) ₃]: Crystal structure of [Cp ₂ Mo ₂ (ESCH ₂ CH ₂ SH)(ESMe) ₃]·0.5CH ₂ Cl ₂ . <i>Journal of Organometallic Chemistry</i> , 1997 , 539, 189-199	2.3	15

6	Disproportionation of hydrazine by $[\text{Mo}_2(\eta^5\text{C}_5\text{H}_5)_2(\mu\text{-Cl})(\mu\text{-SMe})_3]$ and formation of an $\text{Mo}_2(\mu\text{-NH}_2)$ amido bridge. <i>Chemical Communications</i> , 1996 , 2633-2634	5.8	31
5	Electrochemical deprotection of a substrate binding site in $[\text{Mo}_2(\text{cp})_2(\mu\text{-SMe})_3(\mu\text{-Cl})](\text{cp} = \eta^5\text{-C}_5\text{H}_5)$ via chloride-bridge opening. Kinetics of MeCN and ButNC binding at this site. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 3967-3976		31
4	Reactions of dinuclear and polynuclear complexes XV. Reinvestigation of the reaction between $[\mu\text{Mo}(\text{CO})_3\text{H}]$, allyl chloride and dimethyl disulfide: Crystal structure of $[(\text{C}_5\text{H}_5)\text{Mo}(\text{CO})(\eta^5\text{Me})_3\text{Mo}(\text{CO})_2(\eta^5\text{Me})\text{Mo}(\text{CO})_2(\text{C}_5\text{H}_5)]$. <i>Journal of Organometallic Chemistry</i> , 1996 , 505-521-321	2.3	6
3	Reactions of dinuclear and polynuclear complexes XVI. Chemistry of hydrido-, thiolato-bridged complexes $[\text{Mo}_2\text{Cp}_2(\eta^5\text{R})(\eta^5\text{R})(\text{CO})_4]$ (R = Me, Ph): Reactivity and electrochemical behaviour; crystal structure of $[\text{Mo}_2\text{Cp}_2(\eta^5\text{Ph})\{\eta^5\text{-C}(\text{CH}_3)_2\text{CHCH}_3\}(\text{CO})_2]$. <i>Journal of Organometallic Chemistry</i> , 1996 , 523-531-188	2.3	18
2	Reactions of Di- and Polynuclear Complexes. 14. Synthesis of Permethylated-Cyclopentadienyl Chalcogeno-Bridged Compounds: A Route to the Stable Thiolatosulfidocarbonyldimolybdenum(III) Complex $[\text{Cp}^*\text{Mo}_2(\text{CO})_2(\mu\text{-SMe})_2(\mu\text{-S})]$. Crystal Structure Determination of $[\text{Cp}^*\text{Mo}_2(\text{CO})_2(\mu\text{-SMe})_2(\mu\text{-SH})][\text{BF}_4]$. <i>Organometallics</i> , 1995 , 14, 2277-2287	3.8	51
1	Reactions of di- and polynuclear complexes. <i>Journal of Organometallic Chemistry</i> , 1991 , 411, 159-170	2.3	9